

Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2006

## California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>All industries including</b>							
State and local government <sup>4</sup> .....		30.4	5.1	2.3	0.3	1.2	21.6
<b>Private industry<sup>4</sup> .....</b>		25.3	4.7	1.7	0.2	1.0	17.7
<b>Goods producing<sup>4</sup> .....</b>		32.1	6.7	1.5	0.4	2.2	21.2
<b>Natural resources and mining<sup>4,6</sup> .....</b>		51.8	14.0	--	0.9	( <sup>9</sup> )	36.4
<b>Agriculture, forestry, fishing and hunting<sup>4</sup> .....</b>	11	55.7	14.6	--	0.9	( <sup>9</sup> )	39.5
Crop production <sup>4</sup> .....	111	76.0	16.9	--	--	( <sup>9</sup> )	56.3
Animal production <sup>4</sup> .....	112	23.5	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--
Support activities for agriculture and forestry .....	115	40.1	12.8	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	26.9
<b>Mining<sup>6</sup> .....</b>	21	11.0	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Mining (except oil and gas) <sup>7</sup> .....	212	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
<b>Construction .....</b>		20.3	6.6	1.8	0.2	0.3	11.4
<b>Construction .....</b>	23	20.3	6.6	1.8	0.2	0.3	11.4
Construction of buildings .....	236	22.2	5.4	( <sup>9</sup> )	( <sup>9</sup> )	--	16.3
Heavy and civil engineering construction .....	237	13.3	2.3	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	9.9
Specialty trade contractors .....	238	20.7	7.8	2.6	0.3	( <sup>9</sup> )	9.8
<b>Manufacturing .....</b>		34.3	5.3	1.6	0.4	3.7	23.3
<b>Manufacturing .....</b>	31-33	34.3	5.3	1.6	0.4	3.7	23.3
Food manufacturing .....	311	52.3	4.7	2.7	--	6.7	37.8
Beverage and tobacco product manufacturing .....	312	27.5	6.8	--	( <sup>9</sup> )	9.9	5.5
Textile product mills .....	314	--	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--

See footnotes at end of table.

Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2006 -- Continued

## California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Apparel manufacturing .....	315	17.2	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	15.1
Leather and allied product manufacturing .....	316	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Wood product manufacturing .....	321	60.6	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	9.3	48.9
Paper manufacturing .....	322	29.2	( <sup>9</sup> )	--	( <sup>9</sup> )	6.4	17.9
Printing and related support activities .....	323	24.1	10.2	--	( <sup>9</sup> )	( <sup>9</sup> )	9.4
Petroleum and coal products manufacturing .....	324	14.7	--	--	( <sup>9</sup> )	--	( <sup>9</sup> )
Chemical manufacturing .....	325	33.2	5.8	--	--	--	24.4
Plastics and rubber products manufacturing .....	326	24.0	7.6	( <sup>9</sup> )	( <sup>9</sup> )	5.8	10.1
Nonmetallic mineral product manufacturing .....	327	28.3	--	( <sup>9</sup> )	( <sup>9</sup> )	14.6	7.6
Primary metal manufacturing .....	331	36.9	( <sup>9</sup> )	( <sup>9</sup> )	--	8.2	26.5
Fabricated metal product manufacturing .....	332	32.3	8.5	1.7	--	5.1	15.0
Machinery manufacturing .....	333	21.1	3.3	2.1	( <sup>9</sup> )	( <sup>9</sup> )	14.8
Computer and electronic product manufacturing .....	334	30.9	3.6	0.5	--	( <sup>9</sup> )	26.2
Electrical equipment, appliance, and component manufacturing .....	335	19.1	6.6	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	12.0
Transportation equipment manufacturing .....	336	56.7	9.1	2.1	( <sup>9</sup> )	6.4	38.8
Furniture and related product manufacturing .....	337	19.3	3.1	--	( <sup>9</sup> )	3.7	9.1
Miscellaneous manufacturing .....	339	39.8	3.1	( <sup>9</sup> )	--	( <sup>9</sup> )	34.4
<b>Service providing .....</b>		23.2	4.0	1.7	0.2	0.6	16.6
<b>Trade, transportation, and utilities<sup>8</sup> .....</b>		21.2	2.7	1.3	0.1	1.3	15.9
<b>Wholesale trade .....</b>	42	10.6	--	1.2	( <sup>9</sup> )	--	7.8
Merchant wholesalers, durable goods .....	423	8.9	( <sup>9</sup> )	1.6	( <sup>9</sup> )	--	6.7
Merchant wholesalers, nondurable goods .....	424	9.1	--	--	( <sup>9</sup> )	( <sup>9</sup> )	4.8
Wholesale electronic markets and agents and brokers .....	425	--	( <sup>9</sup> )	--	( <sup>9</sup> )	( <sup>9</sup> )	--
<b>Retail trade .....</b>	44-45	19.5	3.2	1.0	( <sup>9</sup> )	0.3	14.8
Motor vehicle and parts dealers .....	441	30.0	10.3	--	( <sup>9</sup> )	--	16.7
Furniture and home furnishings stores .....	442	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Electronics and appliance stores .....	443	2.4	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Building material and garden equipment and supplies dealers .....	444	12.0	2.9	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	9.1
Food and beverage stores .....	445	31.6	4.1	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	27.5
Health and personal care stores .....	446	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--

See footnotes at end of table.

Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2006 -- Continued

## California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Gasoline stations .....	447	6.3	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--	3.6
Clothing and clothing accessories stores .....	448	16.0	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	15.9
Sporting goods, hobby, book, and music stores .....	451	4.4	( <sup>9</sup> )	--	( <sup>9</sup> )	( <sup>9</sup> )	--
General merchandise stores .....	452	23.8	3.3	4.9	( <sup>9</sup> )	( <sup>9</sup> )	15.1
Miscellaneous store retailers .....	453	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--
Nonstore retailers .....	454	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--
<b>Transportation and warehousing<sup>8</sup> .....</b>	<b>48-49</b>	<b>38.7</b>	<b>2.4</b>	<b>2.1</b>	<b>(<sup>9</sup>)</b>	<b>3.4</b>	<b>30.8</b>
Air transportation .....	481	60.0	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	21.6	37.1
Rail transportation <sup>8</sup> .....	482	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Truck transportation .....	484	25.4	2.1	1.8	( <sup>9</sup> )	( <sup>9</sup> )	--
Transit and ground passenger transportation .....	485	26.6	--	6.6	( <sup>9</sup> )	( <sup>9</sup> )	16.2
Support activities for transportation .....	488	12.6	--	( <sup>9</sup> )	( <sup>9</sup> )	3.2	7.0
Couriers and messengers .....	492	132.8	( <sup>9</sup> )	--	( <sup>9</sup> )	4.1	122.5
Warehousing and storage .....	493	16.2	4.4	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	11.2
<b>Utilities .....</b>	<b>22</b>	<b>67.1</b>	<b>5.4</b>	<b>(<sup>9</sup>)</b>	<b>--</b>	<b>25.3</b>	<b>34.9</b>
Utilities .....	221	67.1	5.4	( <sup>9</sup> )	--	25.3	34.9
<b>Information .....</b>		29.4	1.6	( <sup>9</sup> )	( <sup>9</sup> )	1.5	26.0
<b>Information .....</b>	<b>51</b>	<b>29.4</b>	<b>1.6</b>	<b>(<sup>9</sup>)</b>	<b>(<sup>9</sup>)</b>	<b>1.5</b>	<b>26.0</b>
Publishing industries (except Internet) .....	511	33.8	2.4	( <sup>9</sup> )	( <sup>9</sup> )	4.0	27.4
Broadcasting (except Internet) .....	515	20.3	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	18.3
Telecommunications .....	517	64.6	--	( <sup>9</sup> )	( <sup>9</sup> )	--	59.8
Internet service providers, web search portals, and data processing services .....	518	9.4	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	9.0
<b>Financial activities .....</b>		16.8	2.4	0.2	0.2	( <sup>9</sup> )	14.0
<b>Finance and insurance .....</b>	<b>52</b>	<b>20.5</b>	<b>2.9</b>	<b>--</b>	<b>(<sup>9</sup>)</b>	<b>(<sup>9</sup>)</b>	<b>17.5</b>
Credit intermediation and related activities .....	522	15.7	2.2	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	13.5
<b>Real estate and rental and leasing .....</b>	<b>53</b>	<b>7.5</b>	<b>1.1</b>	<b>(<sup>9</sup>)</b>	<b>0.7</b>	<b>(<sup>9</sup>)</b>	<b>5.4</b>

See footnotes at end of table.

Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2006 -- Continued

## California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Real estate .....	531	4.6	1.6	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	2.2
Rental and leasing services .....	532	--	( <sup>9</sup> )	( <sup>9</sup> )	--	( <sup>9</sup> )	--
<b>Professional and business services</b> .....		19.2	3.0	1.2	( <sup>9</sup> )	--	14.7
<b>Professional, scientific, and technical services</b> .....	54	--	--	--	( <sup>9</sup> )	( <sup>9</sup> )	--
<b>Management of companies and enterprises</b> .....	55	30.0	--	1.5	( <sup>9</sup> )	--	25.0
<b>Administrative and support and waste management and remediation services</b> .....	56	22.8	5.7	--	( <sup>9</sup> )	( <sup>9</sup> )	15.6
Administrative and support services .....	561	23.1	5.8	--	( <sup>9</sup> )	( <sup>9</sup> )	15.9
Waste management and remediation services .....	562	18.2	4.8	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	10.4
<b>Education and health services</b> .....		40.7	--	5.3	0.3	--	24.5
<b>Educational services</b> .....	61	16.3	2.3	0.9	( <sup>9</sup> )	( <sup>9</sup> )	13.1
<b>Health care and social assistance</b> .....	62	44.9	--	6.0	0.3	--	26.5
Hospitals .....	622	95.7	18.5	9.2	( <sup>9</sup> )	( <sup>9</sup> )	67.7
Nursing and residential care facilities .....	623	42.7	8.0	--	--	--	32.7
<b>Leisure and hospitality</b> .....		20.0	4.5	0.5	--	0.3	14.3
<b>Arts, entertainment, and recreation</b> .....	71	58.4	12.9	1.2	( <sup>9</sup> )	( <sup>9</sup> )	43.5
Performing arts, spectator sports, and related industries .....	711	10.9	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--
Museums, historical sites, and similar institutions .....	712	40.0	16.3	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	22.4
Amusement, gambling, and recreation industries .....	713	78.6	17.5	1.4	( <sup>9</sup> )	( <sup>9</sup> )	58.4
<b>Accommodation and food services</b> .....	72	12.3	2.9	0.3	--	--	8.4
Accommodation .....	721	33.3	8.8	1.7	( <sup>9</sup> )	--	21.9
Food services and drinking places .....	722	7.5	1.5	( <sup>9</sup> )	--	( <sup>9</sup> )	--
<b>Other services</b> .....		15.2	2.9	4.3	--	( <sup>9</sup> )	7.5

See footnotes at end of table.

Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2006 -- Continued

## California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Other services, except public administration</b> .....	81	15.2	2.9	4.3	--	( <sup>9</sup> )	7.5
Repair and maintenance	811	8.7	( <sup>9</sup> )	--	( <sup>9</sup> )	( <sup>9</sup> )	7.3
Personal and laundry services	812	26.1	3.9	13.4	--	( <sup>9</sup> )	8.2
Religious, grantmaking, civic, professional, and similar organizations	813	12.9	--	( <sup>9</sup> )	--	( <sup>9</sup> )	7.1
<b>State and local government</b> .....		62.2	7.6	6.1	0.6	2.4	45.5
<b>State government</b> .....		75.4	6.2	5.3	0.6	0.7	62.6
<b>Service providing</b> .....		75.4	6.2	5.3	0.6	0.7	62.6
<b>Professional and business services</b> .....		74.4	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	69.1
<b>Education and health services</b> .....		44.4	5.8	4.1	( <sup>9</sup> )	( <sup>9</sup> )	33.8
<b>Educational services</b> .....	61	41.2	4.3	2.7	( <sup>9</sup> )	( <sup>9</sup> )	33.5
Educational services	611	41.2	4.3	2.7	( <sup>9</sup> )	( <sup>9</sup> )	33.5
<b>Health care and social assistance</b> .....	62	57.6	12.0	10.3	( <sup>9</sup> )	--	35.1
<b>Public administration</b> .....		106.7	7.1	6.7	0.9	1.0	91.0
<b>Public administration</b> .....	92	106.7	7.1	6.7	0.9	1.0	91.0
Executive, legislative, and other general government support	921	14.1	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	11.7
Justice, public order, and safety activities	922	198.8	7.5	13.8	( <sup>9</sup> )	( <sup>9</sup> )	174.7
<b>Local government</b> .....		58.4	8.0	6.3	0.6	2.9	40.5
<b>Goods producing</b> <sup>4</sup> .....		71.7	--	( <sup>9</sup> )	--	( <sup>9</sup> )	53.5
<b>Construction</b> .....		72.4	--	( <sup>9</sup> )	--	( <sup>9</sup> )	54.0

See footnotes at end of table.

Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2006 -- Continued

## California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Construction</b> .....	23	72.4	--	( <sup>9</sup> )	--	( <sup>9</sup> )	54.0
Heavy and civil engineering construction .....	237	72.9	--	( <sup>9</sup> )	--	( <sup>9</sup> )	54.3
<b>Service providing</b> .....		58.3	8.0	6.4	0.6	2.9	40.4
<b>Trade, transportation, and utilities<sup>8</sup></b> .....		64.8	8.0	3.9	3.2	11.9	37.8
<b>Transportation and warehousing<sup>9</sup></b> .....	48-49	74.1	( <sup>9</sup> )	6.0	( <sup>9</sup> )	--	56.9
Transit and ground passenger transportation .....	485	67.2	( <sup>9</sup> )	7.7	( <sup>9</sup> )	( <sup>9</sup> )	57.5
<b>Utilities</b> .....	22	57.1	13.5	( <sup>9</sup> )	--	14.1	21.6
Utilities .....	221	57.1	13.5	( <sup>9</sup> )	--	14.1	21.6
<b>Information</b> .....		--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--
<b>Education and health services</b> .....		24.6	1.7	4.4	( <sup>9</sup> )	0.3	18.1
<b>Educational services</b> .....	61	14.0	0.9	4.3	( <sup>9</sup> )	0.3	8.5
Educational services .....	611	14.0	0.9	4.3	( <sup>9</sup> )	0.3	8.5
<b>Health care and social assistance</b> .....	62	110.3	7.7	5.0	( <sup>9</sup> )	( <sup>9</sup> )	96.4
<b>Leisure and hospitality</b> .....		30.6	13.2	3.4	( <sup>9</sup> )	( <sup>9</sup> )	12.2
<b>Arts, entertainment, and recreation</b> .....	71	26.8	10.3	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	14.3
<b>Public administration</b> .....		121.4	18.4	11.2	1.0	5.8	85.0
<b>Public administration</b> .....	92	121.4	18.4	11.2	1.0	5.8	85.0
Executive, legislative, and other general government support .....	921	81.2	26.2	2.7	( <sup>9</sup> )	2.5	49.8

See footnotes at end of table.

**Table 8. Incidence rates<sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2006 -- Continued**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	California					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Justice, public order, and safety activities .....	922	168.6	21.0	20.6	1.8	6.3	119.0
Administration of human resource programs .....	923	105.8	( <sup>9</sup> )	6.0	( <sup>9</sup> )	( <sup>9</sup> )	97.2

<sup>1</sup> Incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

N = number of illnesses

EH = total hours worked by all employees during the calendar year

20,000,000 = base for 10,000 equivalent full-time workers  
(working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* 2002 Edition

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> Incidence rate less than 0.05.

<sup>6</sup> Data for mining (Sector 21 in the *North American Industry Classification System* -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the

coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>8</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>9</sup> Fewer than 15 cases.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.